

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)



Applicant's or agent's file reference OPP043595KR	FOR FURTHER ACTION see Form PCT/ISA/210, RECEIVED as well as, where applicable, notes below.
International application No. PCT/KR2004/003491	International filing date (day/month/year) 29 DECEMBER 2004 (29.12.2004)
	(Earliest) Priority Date (day/month/year) 31 DECEMBER 2003 (31.12.2003)

Applicant

SAMYANG GENEX CORPORATION et al

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

- 2. Certain claims were found unsearchable (See Box No. II)

- 3. Unity of invention is lacking (See Box No. III)

- 4. With regard to the title,
 - the text is approved as submitted by the applicant.
 - the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 7
 - as suggested by the applicant.
 - because the applicant failed to suggest a figure.
 - because this figure better characterizes the invention.

- b. none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 C12P 17/02**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system & followed by classification symbols)

IPC7 C12P 17/02, C12N 5/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS, Delphion, NCBI PubMed**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	YIL LENG CHUA, ET AL. "The Transcriptional Enhancer of the Psa Plastocyanin Gene Associates with the Nuclear Matrix and Regulate Gene Expression through Histone Acetylation." In: The Plant Cell, (June 2003) Vol.15:1468-1479, see the abstract and method.	1-9
X		10-12
A	WO 1987/05626 (CELL-TECH LIMITED) 24 September 1987 (1987-09-24) ✓ See the whole document.	1-12
A	WO 1989/06686 (THE UPJOHN COMPANY) 27 July 1989 (1989-07-27) ✓ See the whole document.	1-12
A	WO 1996/39488 A1 (GENENTECH, INC.) 12 December 1996 (1996-12-12) ✓ See the whole document.	1-12
A	KR 1998-039738 A (CJ CORP.) 17 August 1998 (1998-08-17)	1-12

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel and cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search

10 MAY 2005 (10.05.2005)

Date of mailing of the international search report

10 MAY 2005 (10.05.2005)

Name and mailing address of the ISA/KR


 Korean Intellectual Property Office
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,
 Republic of Korea

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/003491

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO8705626A1	24.09.1987	AT95231E AU7126487A1 CA1341367A1 DE3787551C0 EP239292A1 ES2059367T3 GB2196636A1 JP63503273 US5681718A	15.10.1993 09.10.1987 11.06.2002 04.11.1993 30.09.1967 16.11.1994 05.05.1988 02.12.1988 28.10.1997
WO8906686A1	27.07.1989	AU2943389A1 WO8906686A1	11.08.1999 27.07.1989
WO939488A1	12.12.1993	KR90022473 AU8095296A1 BG102101A BR8609150A CA2220884A CN1186514A CZ9703909A3 EA121581 EP0832189A1 HU9900920A8 IL122386A1 JP11507523 NO975674A NZ210202A OA10753A PL323737A1 SK18709743 TR9701543T1 TW426734B US5705364A ZA9604776A	25.03.1999 24.12.1993 31.07.1998 23.02.1993 12.12.1998 01.07.1998 17.06.1998 25.12.2000 01.04.1998 28.07.1999 23.12.2001 06.07.1999 06.02.1998 28.10.1999 11.12.2002 14.04.1998 08.07.1998 21.05.1998 21.03.2001 06.01.1998 08.12.1997
KR 1998-039738 A	17.08.1998	None	